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Attorney Docket Number 4940/1D **DECLARATION FOR UTILITY OR** Vivian Pecus et al. First Named Inventor DESIGN COMPLETE IF KNOWN **PATENT APPLICATION** (37 CFR 1.63) **Application Number** / To be assigned Concurrently Herewith Filing Date ☑ Declaration ☐ Declaration OR To be assigned Submitted Submitted after Initial Group Art Unit Filing (surcharge (37 CFR 1.16 (e)) required) with Initial Filing To be assigned **Examiner Name**

As a below named inventor,	I hereby declare that:										
My residence, post office add	ess, and citizenship are	as stated below next to my	name.								
	subject matter which is ODE FOR SIMU		tent is sought on ON DEMA	the invention entitled: ND AND LIVE							
the specification of which is attached hereto OR	(Tit	le of the Invention)									
was filed on (MM/DD/YYYY) as United States Application Number or PCT International											
Application Number	and w	vas amended on (MM/DD/Y	YYY)	(if applicable).							
I hereby state that I have revie amended by any amendment s			tified specification	n, including the claims, as							
I acknowledge the duty to disci	•		defined in 37 CF	R 1.56.							
I hereby claim foreign priority be certificate, or 365(a) of any PC America, listed below and have or of any PCT international appli	Finternational applications of the control of the c	on which designated at lea	ast one country of	other than the United States of ripatent or inventor's certificate.							
Prior Foreign Application	Country	Foreign Filing Date	Priority Not Claimed	Certified Copy Attached?							
Number(s)	Country	(MM/DD/YYYY)	Not Claimed	YES NO							
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☐ Additional foreign application	numbers are listed on a	a supplemental priority data	sheet PTO/SB/0	2B attached hereto:							
I hereby claim the benefit unde	r 35 U.S.C. 119(e) of ar	ny United States provisional	l application(s) lis	ted below.							
Application Number(s)	Filing Dat	te (MM/DD/YYYY)									
50/275,779	Marcl	h 13, 2001		onal provisional application							
60/275,780 -	Marcl	h 13, 2001		ers are listed on a							
60/275,781	Marc	h 13, 2001		mental priority data sheet							
60/275,782	Marc	h 13, 2001	PTO/S	BB/02B attached hereto.							
60/275.783	Marc	h 13. 2001									



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I hereby claim to United States of United States of Information whi	hereby claim the benefit under 35 U.S.C. 120 of any United States application(s), or 365(c) of any PCT international application designating the United States of America, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of 35 U.S.C. 112, I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application. U.S. Parent Application or PCT Parent Parent Filing Date Parent Patent Number												
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Additional	U.S. or P	CT international ap	plication	on numbers are	listed on a	supp	lemental	priority data	sheet PT	O/SB/0	2B attached h	ereto.	
As a named inv	entor, I h	ereby appoint the f	ollowing	g registered pra	ctitioner(s)	to pro	secute ti	nis applicatio	n and to	transac	l all business i		
and trademark	Office Co	nnected therewith:	-	Customer Numb DR Registered pract		ame/r	egistratio	n number lis	ted belov		Number Bar Label her	Code	
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Name of So	ole or F	irst Inventor:]				petition	has been	filed for	this ur	nsigned inve	ntor	
Gi	ven Nar	ne (first and mid	dle [if a	any])				Eamily	/ Name	or Sun	name		
<u> </u>		Vivian							PEC	us			
Inventor's Signature											Date		
Residence: (City	Falls Ch	urch	State	VA	C	ountry	L	JSA	l	Citizenship	USA	
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Post Office A	ddress												
City		Falls Church	State	VA	ZIP		220)41	Cour	ntry	US	A	

Additional inventors are being named on the 2_supplemental Additional Inventor(s) sheet(s) PTO/SB/02A attached hereto

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ADDITIONAL INVENTOR(S)
Supplemental Sheet
Page 1_ of 2_

Name of Addition	al Joint Inventor, if any	r:			A petitio	n has been file	d for th	nis unsigr	ed inve	entar
Given Nam	ne (first and middle [if any])					Family Na	me or	Surname		
	Christopher					BE	ENDE	N		
Inventor's Signature								Date		
Residence: City	Woodford	State	VA	<u>\</u> ,	Country	USA		Citizens	hip	USA
Post Office Address			8468	Guir	nea Sta	ition Road		,		
Post Office Address										
City	Woodford	State	VA	4	ZiP	22580 Country USA				Α
Name of Addition	nal Joint Inventor, if any	<i>y</i> :			A petitio	n has been file	ed for th	his unsigr	ned inv	entor
Given Nan	ne (first and middle [if any])					Family Na	me or	Surname		
	David L.					В	ULLC	OCK		
Inventor's Signature	Date									
Residence: City	Conyers	State	GA		Country	USA		Citize	nship	USA
Post Office Address			28	75 Bc	onds La	ke Road				
Post Office Address			·			<u> </u>				
City	Conyers	State	G	βA	ZIP	30012	Соц	ntry	U	SA
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	Philip					LA	USIE	:R		
Inventor's Signature								Da	ite	
Residence: City	Canton	State	G	SA	Country	USA	·	Citize	nship	USA
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ADDITIONAL INVENTOR(S) Supplemental Sheet Page 2 of 2

Name of Addition	al Joint Inventor, if any] A p	etitior	n has been file	d for t	nis unsi	gned inve	entor
Given Nam	ne (first and middle [if any])						Family Na	ne or	Sumam	e	
	Mark						KAL	.MBA	CH		
Inventor's Signature									Da	te	
Residence: City	Round Rock	ock State TX Country USA Cir							Citize	nship	USA
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Given Nar	ne (first and middle [if any])						Family Na	me or	Suman	ne	
-	Aaron D.							Fal	k		
Inventor's Signature										Date	
Residence: City	Norwalk	State	СТ	-	Cou	intry	USA		Citi	zenship	USA
Post Office Address				465	Fla	x Hill	Road				
Post Office Address											
City	Norwalk	State		т		ZIP	06854	Cou	ıntry	U	SA
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Attorney Docket Number 4940/1D **DECLARATION FOR UTILITY OR** Vivian Pecus et al. **First Named Inventor DESIGN** COMPLETE IF KNOWN PATENT APPLICATION 09 / 960,605 (37 CFR 1.63) Application Number September 21, 2001 Filing Date Declaration ▼ Declaration 2661 OR Submitted after Initial Submitted Group Art Unit Filing (surcharge (37 CFR 1.16 (e)) with Initial To be assigned Filing **Examiner Name**

As a below named inventor, I hereby declare that: My residence, post office address, and citizenship are as stated below next to my name. I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patient is sought on the inventor entitled: LARGE EDGE NODE FOR SIMULTANEOUS VIDEO ON DEMAND AND LIVE STREAMING OF SATELLITE DELIVERED CONTENT the specification of which (Title of the Invention) is attached hereto OR Was filed on (MM/DD/YYYY) 09/21/2001 as United States Application Number or PCT International Application Number 09/960,605 and was amended on (MM/DD/YYYY) (if applicable). I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above. I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56. Thereby claim foreign priority benefits under 35 U S C 119(a)-(d) or 365(b) of any foreign application(s) for patent or inventor's certificate, or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application or papilication recriticate, or any PCT international application having a filing date before that of the application on which priority is claimed. Prior Foreign Application Number(s) Filing Date (MM/DD/YYYY) Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto Thereby claim the benefit under 35 U S C 119(e) of any United States provisional application(s) listed below Application Number(s) Filing Date (MM/DD/YYYY) 60/275,780 March 13, 2001														
believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patient is sought on the invention entitled: LARGE EDGE NODE FOR SIMULTANEOUS VIDEO ON DEMAND AND LIVE STREAMING OF SATELLITE DELIVERED CONTENT the specification of which (Title of the Invention) is attached hereto OR was filed on (MM/DD/YYYY) 09/21/2001 as United States Application Number or PCT International Application Number 09/960,605 and was amended on (MM/DD/YYYY) (if applicable). I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above. I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56. Thereby claim foreign priority benefits under 35 U S C 119(a)-(d) or 365(b) of any foreign application(s) for patent or inventor's certificate, or 305(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or of any PCT international application having a filing date before that of the application on which priority is claimed. Prior Foreign Application Number(s) Country Foreign Filling Date (MM/DD/YYYY) Additional provisional application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto I hereby claim the benefit under 35 U S C 119(e) of any United States provisional application(s) listed below Application Number(s) Filling Date (MM/DD/YYYY) 60/275,780 March 13, 2001 March 13, 2001 Numbers are listed on a supplemental priority data sheet	As a below named inventor, I he	reby declare that:												
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PTO/SB/02A (3-97)

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Patent and Plantank Office; U.S. DEPARTMENT OF COMMERCE

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DECLARATION

ADDITIONAL INVENTOR(S) Supplemental Sheet Page 1 of 2

OIPE	Name of Addition	al Joint Inventor, if any				A petitio	n has been file	d for this	unsigned	inventor		
2000	Given Nar	ne (first and middle [if any])					Family Na	me or St	urname			
JAN 1 8 200	E CE	Christopher					BE	NDEN				
JAN 1 8 ZUUL	triventor's Signature	CX Dendi	n						Date	11/24/01		
	Residence: City	Woodford	State	V		Country	USA		Citizenship	USA		
	Post Office Address			8468	Gui	inea Sta	ntion Road					
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	City	Woodford	State	, V.	Α	ZIP	22580	Country		USA		
	Name of Addition	nal Joint Inventor, if any	/ :			A petition has been filed for this unsigned inventor						
	Given Na	Given Name (first and middle [if any])					Family Name or Surname					
		David Lynn					E	ULLO	CK			
	Inventor's Signature			· · · · · ·					Date			
:	Residence: City	Conyers	State	, G/	١.	Country	USA		Citizens	hip USA		
	Post Office Address			2875	Bor	nds Lak	e Road NW					
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	City	Conyers	Sta	е (3A	ZIP	30012	Coun	try	USA		
	Name of Addition	nal Joint Inventor, if an	y:			A petition	on has been file	ed for th	is unsigne	d inventor		
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l		Philip C.					L/	AUSIEF	₹ 	·		
	Inventor's Signature								Date			
	Residence: City	Canton	Stat	e (3A	Country	USA	١	Citizens	hip USA		
	Post Office Address			100	5 Iro	n Mour	tain Road					
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PTO/SB/02A (3-97)

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Under the Paperwork Reduction Act of 1995, no persons are required PAPA especial number. valid OMB control number.

DECLARATION

ADDITIONAL INVENTOR(S) Supplemental Sheet Page _1_ of _2_

Name of Addition	nal Joint Inventor, if any	/:			A petitio	n has been file	d for th	nis unsig	ned inv	entor
Given Nar	me (first and middle [if any])					Family Nar	ne or \$	Surname	!	
	Christopher					BE	NDE	N		
Inventor's Signature								Date	,	
Residence: City	Woodford	State	VA		Country	USA		Citizen	ship	USA
Post Office Address			8468	Guir	nea Sta	ation Road				
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Name of Addition	nal Joint Inventor, if an	y:			A petitio	n has been file	d for th	nis unsig	ned inv	entor
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	David Lynn					В	ULLC	СК		
Inventor's Signature	Con Lynn	Bull	m/					/// D	30/6/ ate	
Residence: City	Conyers	State	GA		Country	USA		Citize	nship	USA
Post Office Address			2875	Bond	ds Lak	e Road NW				
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Name of Addition	nal Joint Inventor, if an	y:			A petitio	on has been file	d for th	nis unsig	ned inv	entor
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	Philip C.					LA	USIE	R		
Inventor's Signature								D	ate	
Residence: City	Canton	Canton State GA						Citize	enship	USA
Post Office Address	-		1005	Iron	Moun	tain Road			<u> </u>	
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DECLARATION

ADDITIONAL INVENTOR(S) Supplemental Sheet Page _1_ of _2_

Name of Additio	nal Joint Inventor, if a	ıny:		A petiti	on has been file	d for th	nis unsig	ned in	ventor	
Given Na	ame (first and middle [if an	y])			Family Nar	ne or S	Surname)		
	Christopher				ВЕ	NDE	N			
Inventor's Signature							Date	,		
Residence: City	Woodford	State	VA	Country	USA		Citizens	ship	USA	
Post Office Address			8468 G	uinea St	ation Road					
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City	Woodford State VA ZIP 22580 Country USA									
Name of Addition	nal Joint Inventor, if a	ny:	1	A petition	on has been filed	d for th	is unsigi	ned inv	entor	
Given Na	me (first and middle [if an	y])			Family Nan	ne or S	Surname			
	David Lynn BULLOCK									
Inventor's Signature	Date									
Residence: City	Conyers	State	GA	Country	USA		Citize	nship	USA	
Post Office Address			2875 Bo	nds Lak	e Road NW					
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	Philip C.				LAU	JSIER	₹		,	
Inventor's Signature	Philip (, ₍	Zae	isi	<u> </u>		Dat	te	11/28/01	
Residence: City	/ Canton	State	GA	Country	USA		Citizen	nship	USA	
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ADDITIONAL INVENTOR(S) Supplemental Sheet Page 2 of 2

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B	JAN 1 8 2007	Given Na	me (first and middle [if any	1)				Family Na	me or S	urname		
題	,		Mark Russell					KAL	МВАС	Н		
Ì	JAN 1 8 ZUW	Inventor's Signature	Mart Ruc	sel	2 1	Cal	llan	l		Date	1	² /3/2001
		Residence: City	Round Rock	State	TX		Country	USA		Citizenshi	р	USA
		Post Office Address			292	8 Ce	dar Cre	st Circle				
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	ı	City	Round Rock	State	TX		ZIP	78664	Country		US	SA.
		Name of Addition	nal Joint Inventor, if ar	ıy:		A petition has been filed for this unsigned inventor					entor	
		Given Na	me (first and middle [if any				Family Na	me or S	urname			
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DECLARATION

REGISTERED PRACTITIONER INFORMATION (Supplemental Sheet)

Name	Registration Number	Name	Registration Number
Silvana Merlino Frederick Yu Brooke W. Quist James W. Woods Mauri Aven Franklin Abrams	Registration Number 44,237 45,251 45,030 47,184 42,275 43,457	Name	Registration Number



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PTO/SB/02B (3-97)

Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE valid OMB control number.

DECLARATION — Supplemental Priority Data Sheet

Additional foreign applications:										
Prior Foreign Application Number(s)		Country		eign Filing Date (MM/DD/YYYY)	Priority Not Claimed	Certified Copy Attac YES NO				
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